Personal System/2 Color Display 8515

Do it your way

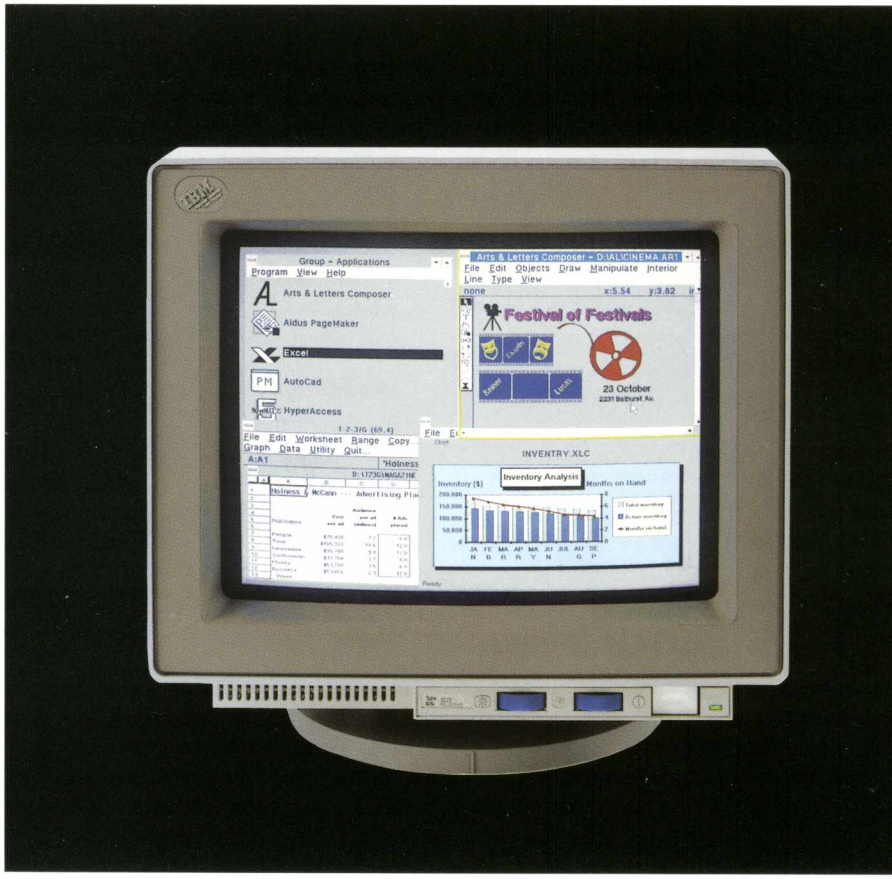
VGA and XGA users alike, look no further. You can view all your PS/2® applications the way you want on the IBM Personal System/2® Color Display 8515.

For starters, this general-purpose, 14-inch[1] display supports 640 x 480 VGA graphics. And it's perfect for windowing programs like OS/2® Presentation Manager™ or Microsoft® Windows.™

Make a few adjustments, and things look even better. You can upgrade to XGA with advanced-function display adapters like the IBM PS/2 XGA Display Adapter/A or Image Adapter/A for resolution as high as 1,024 x 768 pels, with up to 256 colors.

So, with the 8515, VGA users can move up to XGA's higher resolution and performance when ready–without replacing this outstanding display. And XGA users can view things their own way–right away.

Not only can you use the display two ways, you can count on it for investment protection in more ways than one. Along with the upgrade capability comes an advanced design that significantly enhances the 8515's life expectancy. This model is made with the highest quality low power components and a simplified circuit design. As a result, it has fewer parts–about one-half the number of other 14-inch monitors. And that makes for greater reliability.



When it comes to low emission levels, the 8515 really stands out. This display not only meets Very Low Frequency (VLF) Swedish magnetic test specifications, it even meets the new Extremely Low Frequency (ELF) magnetic test specifications.

And the picture gets rosier. The Color Display 8515 features an 0.28mm dot pitch for enhanced contrast and clarity. So you can get a good look at all the details, no matter how complex the image. A full 9.8 x 7.4-inch viewing area lets you see more. The reduced margin size allows you to work almost from corner to corner.

You'll work in comfort with the 8515. Just tilt and swivel the screen as much as 300 degrees to an angle that's right for you–and for sharing as well. With the display's front-mounted controls, you can easily turn it on and off and adjust contrast and brightness. You won't strain your eyes on pictures that "flicker," thanks to high screen refresh rates and medium persistence phosphors.

Nor will you be bothered by glare–the etched glass screen takes care of that.

To help ensure that you get maximum usage from your 8515, it's backed by a one-year limited warranty and optional onsite support from the IBM Services team.

PS/2 Color Display 8515 at work

Here are some of the ways you can put the IBM Personal System/2 Color Display 8515 to work for you:

- Begin with VGA graphics and then upgrade to XGA later–that way, you'll get higher resolution and performance when needed, without investing in another display
- Run a wide range of VGA, MCGA, EGA and CGA software
- Take advantage of ample screen space to view multiple windows
- View complex, colorful images–highly detailed and with 256 hues (support for more than 16 colors requires the appropriate video memory expansion option)
- Create text and graphics that clearly stand out in all your work–from spreadsheets to desktop publishing
- Adjust the Tilt/Swivel stand as much as 300 degrees for optimal viewing comfort

®IBM, PS/2, Personal System/2, and OS/2 are registered trademarks of International Business Machines Corporation. Microsoft is a registered trademark of Microsoft Corporation. PageMaker is a registered trademark of Aldus Corporation.
™ Presentation Manager is a trademark of International Business Machines Corporation. Windows is a trademark of Microsoft Corporation.

[1] Nominal diagonal measurement.
[2] When used with the IBM PS/2 XGA Display Adapter/A or Image Adapter/A.
[3] Except Model P70.

Feature	Benefit
VGA and XGA compatibility	• Protects your investment by allowing you to move up to the higher resolution and performance of XGA graphics–without replacing your display
0.28mm dot pitch	• Produces outstanding front-of-screen quality and clarity
High resolution	• Makes everything you work on–from spreadsheets to desktop publishing to complex graphics–clearer and easier to read
Multiple color support	• Gives you access to 256 colors with optional video memory expansion
Reduced VLF and ELF emission levels	• Tested to the stringent Swedish magnetic test specifications–magnetic field emissions are below the recommended values • Give you the emission levels you asked for
Fewer components	• Ensure greater reliability
Tilt/Swivel stand	• Permits 20 degrees of tilt and 300 degrees of swivel for maximum viewing comfort
Front-mounted controls	• Make it easy to turn display on/off and adjust brightness/contrast • Allow adjustment of foreground and background brightness separately
Recessed cables	• Help create an attractive office environment
Environmentally sound	•Reduces waste–both the display case and shipping carton are recyclable •Uses no harmful paints or solvents in production–display case is made from advanced plastics

IBM Personal System/2 Color Display 8515 at a glance

Part number	8515021
Screen size	14" diagonal; etched to reduce glare
Viewing area	9.8" horizontal x 7.4" vertical (250mm x 187mm)
Maximum resolution	1,024 x 768 graphics and text
Maximum colors*	256
Dot pitch	0.28mm (medium persistence)
Pels per inch	104 at 1,024 x 768[2]
Scan frequency	31.5 kHz noninterlaced; 35.52 kHz interlaced
Refresh rate	Up to 70 Hz noninterlaced; 43 Hz interlaced
Aspect ratio	4:3
User adjustability	Front-mounted on/off and brightness/contrast controls Tilt/Swivel stand with 300-degree rotation
Dimensions	Footprint: 14.0" x 15.3" (355mm x 389mm) Height: 13.6" (345mm)
Weight	Approx. 37.4 lbs. (17.0 kg)
Systems supported	Supported in VGA modes on PS/2 Models 30 286 and up via standard display port Full resolution mode: PS/2 Models 55 SX through 80 386 (except Model P70 386) with XGA Adapter/A PS/2 Models P75 486, 90 XP 486 and 95 XP 486 through standard display port
PS/2 integrated graphics support	VGA (640 x 480, up to 16 colors) for Models 30 286 through 80 386[3] XGA (1,024 x 768, up to 256 colors) for Models P75 486, 90 XP 486, 95 XP 486
Optional graphics support	XGA Display Adapter/A or Image Adapter/A (1,024 x 768, up to 256 colors)

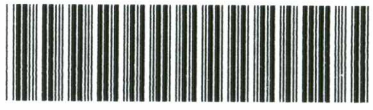
*Support for more than 16 colors requires the appropriate video memory expansion option.
Note: XGA also provides 256 colors at 640 x 480 resolution; additional memory expansion can provide up to 65,536 colors.

©International Business Machines Corporation 1991

IBM United States
Department ZV0
1133 Westchester Avenue
White Plains, NY 10604

Printed in the United States of America
10-91
All Rights Reserved

References in this publication to IBM products or services do not imply that IBM intends to make them available outside the United States.



G221-2812-03

This document was created on an IBM Personal System/2 Model 70 386 with Aldus PageMaker® 4.0 desktop publishing software.